Answers for some of the pages in the chapter 17 packet that have no posted solutions

(I did not have time to check my work. If there are any solutions that you think are incorrect or if there are any solutions that you need clarification on, please e-mail me. I will be back later this evening)

Calorimetry Practice worksheet

1. -2.69x 106 J/mol
2. 25.4g/mol
3. 13.8o

Calorimetry Worksheet

1. -4.5x 106J/mol
2. 200379 J/mol
3. The values generated have a positive q value because water is absorbing heat (an endothermic process). However, the correct heats of combustion must be expressed as a negative value because the system is losing/releasing heat (a exothermic process).

Phase Change Worksheet

1. -45360 J
2. 104500 J
3. 33.4 KJ
4. 6100.5 KJ
5. 5. 515.6 KJ
6. 53.2 KJ
7. 250.9 KJ
8. 2176 KJ
9. -150.3 KJ